Ketan S Khare

List of Publications by Year
in descending order

9 papers	478 citations	1306789 7 h-index	1473754 9 g-index
10 all docs	10 docs citations	10 times ranked	630 citing authors

#	Article	IF	Citations
1	Atomistic simulation of volumetric properties of epoxy networks: effect of monomer length. Soft Matter, 2021, 17, 9957-9966.	1.2	4
2	Integration of Atomistic Simulation with Experiment Using Timeâ^'Temperature Superposition for a Crossâ€Linked Epoxy Network. Macromolecular Theory and Simulations, 2020, 29, 1900032.	0.6	12
3	Quantitative Comparison of Atomistic Simulations with Experiment for a Cross-Linked Epoxy: A Specific Volumeâ€“Cooling Rate Analysis. Macromolecules, 2018, 51, 564-575.	2.2	34
4	Bi-modal polymer networks: Composition-dependent trends in thermal, volumetric and structural properties from molecular dynamics simulation. Polymer, 2015, 58, 199-208.	1.8	23
5	Temperature dependence of creep compliance of highly cross-linked epoxy: A molecular simulation study. AIP Conference Proceedings, 2014, , .	0.3	2
6	Effect of Carbon Nanotube Functionalization on Mechanical and Thermal Properties of Cross-Linked Epoxyâ€“Carbon Nanotube Nanocomposites: Role of Strengthening the Interfacial Interactions. ACS Applied Materials & Interfaces, 2014, 6, 6098-6110.	4.0	163
7	High strain rate mechanical properties of a cross-linked epoxy across the glass transition. Polymer, 2013, 54, 7048-7057.	1.8	94
8	Effect of Carbon Nanotube Dispersion on Glass Transition in Cross-Linked Epoxyâ€“Carbon Nanotube Nanocomposites: Role of Interfacial Interactions. Journal of Physical Chemistry B, 2013, 117, 7444-7454.	1.2	98
9	Directed Diffusion Approach for Preparing Atomistic Models of Crosslinked Epoxy for Use in Molecular Simulations. Macromolecular Theory and Simulations, 2012, 21, 322-327.	0.6	48